

P.G.D.C.A Semester - 1 (CBCS) Examination**Jan/Feb.-2022 [NEW COURSE]****COMPUTER FUNDAMENTALS & EMERGING TECHNOLOGY(CORE)****Time: 1:30 Hours****Marks: 42****Instructions:**

1. Figures to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

Q.1(A) Answer the following questions. (03)

1. Full Form EEPROM.
2. What is Computer?
3. Full Form ALU.

Q.1(B) Answer the following question. (Any two) (06)

1. Explain sound card & network card.
2. Explain Types of Processor
3. Explain UPS.

Q.1(C) Answer the following question. (Any one) (05)

1. Explain memory structure and Types of memory.
2. Characteristics of Computer.

Q.2(A) Answer the following questions. (03)

1. Stands For MIDI.
2. Full Form OLED.
3. Stands For SGD.

Q.2(B) Answer the following question. (Any two) (06)

1. Explain FAX.
2. List Out of Input Device.
3. What is Plotters?

Q.2(C) Answer the following question. (Any one) (05)

1. Explain Non-Impact Printer in Detail.
2. Explain Types of Scanner.

Q.3(A) Answer the following questions. (03)

1. What is Seek Time?
2. Stands For USB.
3. List out magnetic storage devices.

Q.3(B) Answer the following question. (Any two) (06)

1. Explain Floppy Disk.
2. What is Hard disk? How it works?
3. What is Cluster & Cylinder?

Q.3(C) Answer the following question. (Any one) (05)

1. Explain CD, DVD and Blue Ray Disk.
2. Explain Cloud Storage in Detail.

Q.4(A) Answer the following questions. (03)

1. Full Form EBCDIC.
2. $(11010)_2 = \underline{\hspace{2cm}}_{10}$
3. $(435)_{16} = \underline{\hspace{2cm}}_{10}$

Q.4(B) Answer the following question. (Any two) (06)

1. What is Compiler and Interpreter.
2. $10101 + 1100$
3. $1101 - 1001$

Q.4(C) Answer the following question. (Any one) (05)

1. Explain KB, GB, MB, HB, TB.
2. Explain Types of Operating System.

Q.5(A) Answer the following questions. (03)

1. Full Form of VIRUS.
2. Stand For CDMA.
3. Full Form of GPRS.

Q.5(B) Answer the following question. (Any two) (06)

1. Explain Wifi and Lifi.
2. Write a Short Note on GIS and GPS.
3. Explain Modem and Infrared.

Q.5(C) Answer the following question. (Any one) (05)

1. What is Cloud Computing? Explain it.
2. What is Computer Virus? Explain Types of Virus.
